



SE07-03-02b and 03a-e Looking southwest into the cove behind Couverden Island.



SE07-03-02b Looking west at the east entrance to the cove behind Couverden Island.



SE07-03-03a-h Looking north over Couverden Island.



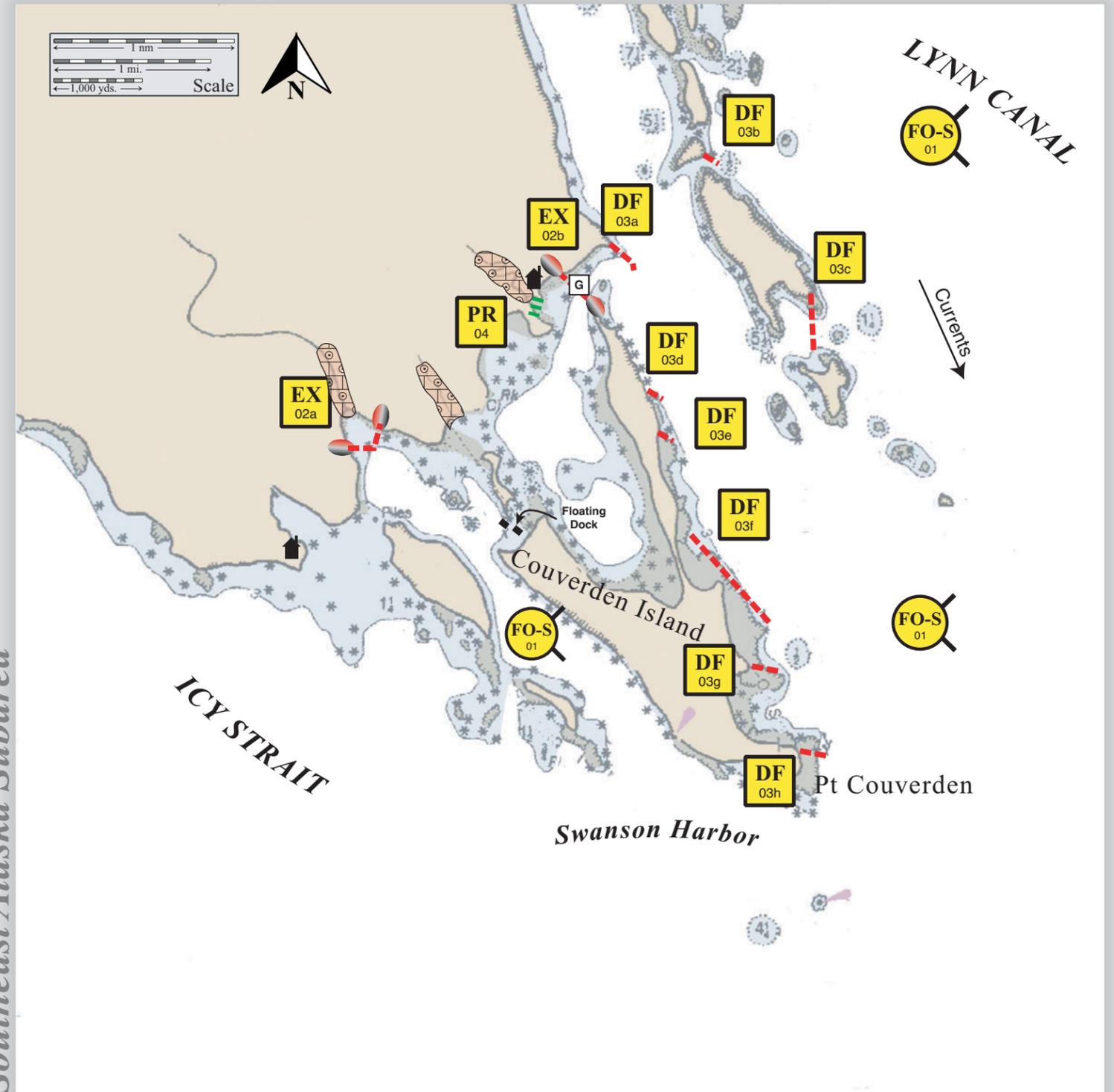
SE07-03-02a Looking north at the salmon stream at the head of Swanson Harbor.

- Free-oil Containment and Recovery, Shallow Water
- Exclusion Booming
- Passive Recovery and Debris Removal
- Deflection Booming, Fixed
- Protected-water Boom
- Gate
- Marine Recovery
- Tidal-seal Boom
- Salmon Spawning Stream
- Private Cabin

Point Couverden, SE07-03

Center of map at 58° 12.6' N Lat., 135° 05.7' W Lon.

Geographic Response Strategies for Southeast Alaska Subarea



This is not intended for navigational use.

Soundings in fathoms

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
SE07-03-01	Point Couverden – NE and NW Nearshore waters in the general area of: Lat. 58° 11.0 N Lon. 135° 02.7 W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment between Ansley and Couverden Island.	Deploy free-oil recovery strike teams upwind and up-current of Pt. Couverden. Use aerial surveillance to locate incoming slicks.	Multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Auke Bay or vessel platform	Via marine waters NOAA chart 17316	Same as SE07-03-02	Vessel masters should have local knowledge. Tactics on the west side of Couverden Island should only be deployed when winds are from the SE.
SE07-03-02	Point Couverden West Boom Arrays a. Lat. 58° 13.22 N Lon. 135° 08.17 W b. Lat. 58° 14.06 N Lon. 135° 05.69W	Exclusion Exclude oil from salmon stream in Swanson Harbor and entering the eastern entrance to Swanson Harbor. Establish a gate in the eastern array.	Use protected-water boom with tidal-seal to exclude oil from salmon stream and Swanson Harbor. <u>Boom Arrays</u> a. 1800 ft. b. 1500 ft.	Deployment Equipment 3300 ft. protected-water boom 4 ea. 50 ft. tidal-seal 29 ea. anchor systems (~40 lbs.) 8 ea. Anchor stakes Vessels 2 ea. class 2 (transport equipment) 2 ea. class 3/4 2 ea. class 6 Personnel/Shift 20 ea. vessel crew Tending Vessels 1 ea. class 3/4 2 ea. class 6 Personnel/Shift 5 ea. vessel crew	Auke Bay or vessel platform	Via marine waters NOAA chart 17316	Fish-intertidal salmon spawning (pink, coho, chum) Birds-waterfowl (year-round) and shorebird (spring-fall) concentrations Habitat-high intertidal diversity, marsh, sheltered tidal flats Human use-high recreational use Invertebrates-crabs, blue mussels	Surface current always flows south on the west side of Lynn Canal. Oil will move toward Whitestone Harbor. FOSC Historic Properties Specialist should INSPECT site prior to operations. See Figure G-3-14 for equipment locations. Tested: not yet Surveyed: 4/26/03 TLR
SE07-03-03	Point Couverden East <u>Boom Arrays</u> a. Lat. 58° 13.3 N Lon. 135° 08.0 W b. Lat. 58° 14.93 N Lon. 135° 04.35 W c. Lat. 58° 13.96 N Lon. 135° 02.97W d. Lat. 58° 13.55 N Lon. 135° 04.99 W e. Lat. 58° 13.29N Lon. 135° 04.8 W f. Lat. 58° 12.86 N Lon. 135° 04.57W g. Lat. 58° 11.97N Lon. 135° 03.88W h. Lat. 58° 11.48N Lon. 135° 03.33W	Deflection Deflect oil away from northeast side of Couverden Island towards free oil strike teams.	Place protected-water boom at given locations on the northeast side of Couverden Island to deflect oil traveling south and west. <u>Boom Arrays</u> a. 1000 ft. b. 600 ft. c. 3000 ft. d. 150 ft. e. 300 ft. f. 3000 ft. g. 600 ft. h. 600 ft.	Deployment Equipment 9250 ft. protected-water boom 90 ea. anchor systems (~40 lbs.) 16 ea. anchor stakes Vessels & Personnel Same as SE07-03-02 Tending Same as SE07-03-02	Auke Bay or vessel platform	Via marine waters NOAA chart 17316	See SE07-03-02	This tactic is based on currents flowing south and the presumption that oil is spilled north of Pt. Couverden in Lynn Canal Tested: not yet Surveyed: 4/26/03 TLR
SE07-03-04	Point Couverden Lat. 58° 14.1 N Lon. 135° 06.24 W	Passive Recovery Minimize impact to designated area through passive recovery using snare line or sorbent boom.	Place 800 ft. of snare line or sorbent boom across the tidal flats and stream mouth.	Deployment Equipment 800 ft. snare line or sorbent boom 8 ea. anchor stakes Vessels, Personnel, Tending Same as SE07-03-02	Auke Bay or vessel platform	Via marine waters NOAA chart 17316	See SE07-03-02	Use snare line for persistent oils and sorbent boom for non-persistent oils. Surveyed: 4/26/03 TLR